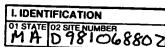
ENVIRONMENTAL PROTECTION REGION 1 PRELIMINARY ASSESSMENT DECISION RECORD



II. SITE NAME AND LOCATION	[771 0 10 10 10 00 00 00
01 SITE NAME (Legal, common, or descriptive name of site)	02 STREET, ROUTE NO., OR SPECIFIC LOCATION IDENTIFIER
St. Peters Field	Sherman St Manusananan
Cambridge	04 STATE 05 ZIP CODE M 14 02 13 4
ORAFT PA: completed by ฬ FIT (Fi	SEMS DocID 635553 REVIEWED © Site Name
EPA	☐ Site ID No. ☐ Existing File
RAFT PRIORITY ASSESSMENT	BY T/RECOMMENDATION FOR SITE INSPECTION DILLIN ST LOW O None
SUMMARY OF COMMENTS ON DR	
as STATE comments, dated	, by
^	Notes along some Name - State
	the same of the sa
□. SITE OWNER comments, dated	www.a.g. by www.a.a.a.a.a.a.a.a.a.a.a.a.a.a.a.a.a.a
Summary	
- CDA DEGION 4	
	by
•	
	。
ينتان مناه عليه مناه علي المناه المناه عليه والمناه والمناه المناه عليه المناه	
cl comments, date	ed by
Summary	
INAL PA DECISION BY EPA F a. 🗘 agree with draft. b. 🗀 Revised draft. Reason	
	lium Ø Low O None
	C. Surrsky Date _9/30/85
RCLIS: Start Date; Compl.	Date Entery Date By By

NUS CORPORATION SUPERFUND DIVISION

INTERNAL CORRESPONDENCE

C-583-1-6-79

TO:

DON SMITH/EPA

DATE:

JANUARY 22, 1986

FROM:

HERBERT W. COLBY YU

COPIES:

FILE

SUBJECT:

PRELIMINARY ASSESSMENT OF ST. PETERS FIELD,

CAMBRIDGE, MASSACHUSETTS

TDD No. FI-8504-12

Reference No. \$300MA38PA

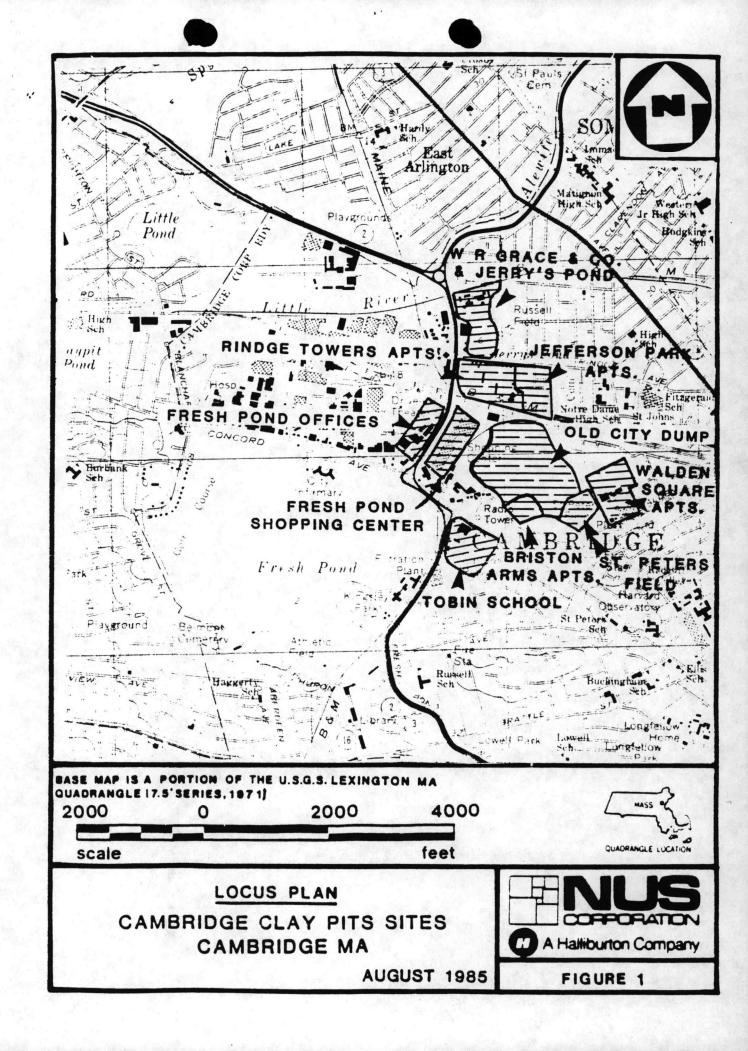
The NUS Field Investigation Team (NUS/FIT) was tasked by Region I U.S. Environmental Protection Agency (EPA) Superfund Branch to perform a preliminary assessment of the St. Peter's Field on Sherman Street, Cambridge, Massachusetts, under Technical Directive Document (TDD) FI-8504-12 (Appendix A). This letter report fulfills the requirements of the task.

The documents prepared within comply with requirements set forth under EPA Superfund Legislation, (CERCLA), however, they do not necessarily fulfill the requirements of other EPA regulations such as RCRA.

The St. Peter's Field site is located on Sherman Street, Cambridge, Massachusetts (Figure 1). The approximately 4.5 acre site is bordered on the southwest by Garden Street and private residences, on the southeast by Walden Street, on the northeast by Sherman Street and on the northwest by the Old City Dump (New Street Landfill). The North Cambridge/Fresh Pond area near the site is heavily populated with single and multiple family dwellings, and high-rise and garden apartments. There are also numerous shopping centers, research offices and industries in the area. The nearest surface water to the site is Fresh Pond, 2,000 feet to southwest, which supplies water to approximately 102,000 residents of Cambridge, including those adjacent to the site. The Alewife Brook, located 4,000 feet to the north-northwest, provides recreational fishing for local residences and supports an annual herring spawning run (5,6).

The site is covered by vegetated baseball and recreational fields, and a number of asphalt basketball courts. A fence separates the site from the New Street Landfill.

The St. Peter's Field site overlies a former clay extraction pit, originally developed about 1845. Clay was mined intermittently from the site until shortly after 1900 (2). Little information is available regarding use of the site during the next 35 years. Aerial photographs, taken in 1938, show the surface of the site to be disturbed, but not under excavation. Aerial photographs of 1952 reveal the presence of at least one baseball field, and an increase in vegetative cover (8). The site remains in use as a recreational area.



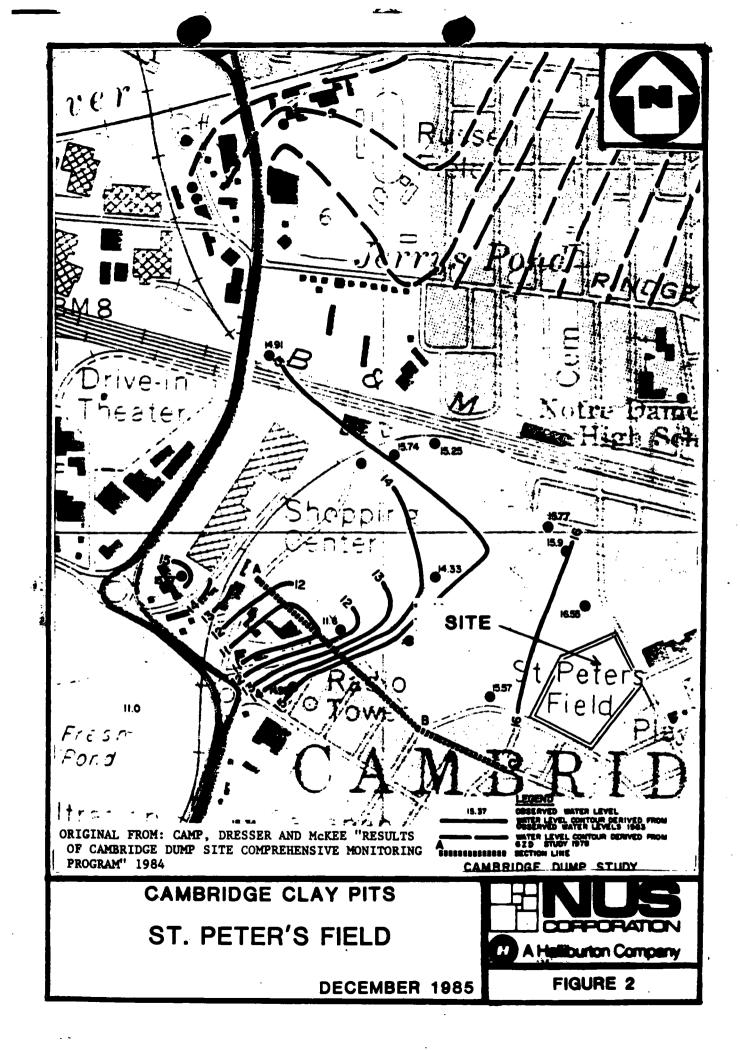
MEMO TO: DON SMITH JANUARY 22, 1986-PAGE TWO

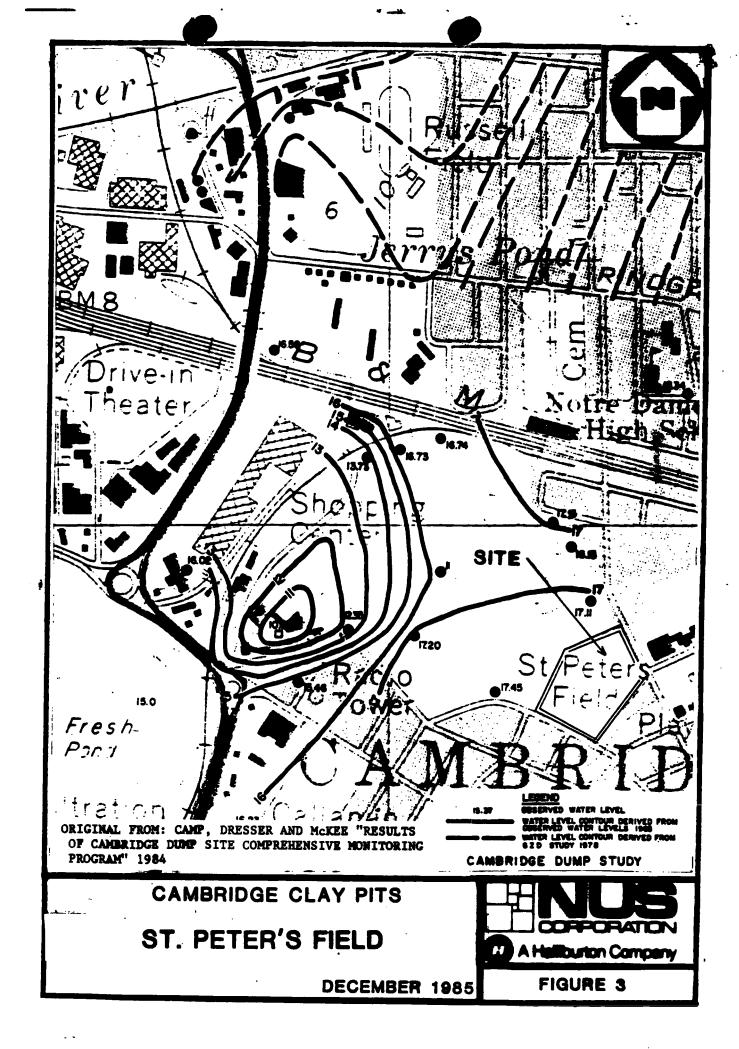
There is concern that hazardous materials may have been disposed on the site during the filling of possible clay excavation pits. Historic and photographic evidence suggests that filling would most likely have occurred betwen 1903 and 1938. North Cambridge contained a number of chemical, battery, and manufacturing companies which may have utilized the site as a convenient area to dispose of their wastes.

There are a number of concerns with regard to possible contaminants present on the site. First, refuse in the New Street Landfill is producing and releasing methane. In the past, concern was expressed that methane may migrate off the landfill site underground and present a fire or explosion hazard. According to a recent Haley and Aldrich report, the installation of a stone-filled trench between the landfill and St. Peter's Field has reduced the potential for such migration (7). Secondly, if hazardous wastes are present beneath the site, the principal exposure routes would most likely be via groundwater contamination, direct contact and by the migration of vapors into the local apartments.

The possibility of direct contact with hazardous wastes appears remote as much of the site is either paved (for basketball courts) or well vegetated. Information as to whether ambient air in local basements has been monitored was not available.

The contamination of groundwater due to the presence of potentially hazardous materials at the site is a possibilty. Recent hydrogeologic studies of the area indicate that the water table is approximately one to five feet below the ground surface. It is likely that clay pits were excavated to or below this depth, and so wastes, if disposed of in the clay pits, would be in contact with the groundwater. Local groundwater flow appears to be either towards Fresh Pond or the New Street Pump Station, located 1,800 feet to the west. The pump station extracts groundwater and discharges it into the Metropolitan District Commission sewer system. This has the effect of locally depressing the water table and may help intercept an undetermined percentage of groundwater leaving the site. A recent hydrogeologic study of the Old City Dump indicated that with the pump station operating properly and with the surface of Fresh Pond maintained above a minimum elevation, groundwater migration from the St. Peter's Field site to Fresh Pond should be minimal (4). Figures 2 and 3 indicate local groundwater table conditions with the surface of Fresh Pond at two different elevations above mean sea level.





MEMO TO: DON SMITH JANUARY 22, 1986-PAGE THREE

NUS/FIT recommends that no further study of the site is required. It is suggested, however, that consideration should be made to include the site as part of any further studies performed on the New Street Landfill.

HWC/mth

cc:

R. DiNitto

J. Morin

T. Plant

M. Mengel

T. Centi/ZPMO

Reviewed and approved by:

Date:

DiNitto, RPM

REFERENCES

- 1. United States Geological Survey, Lexington, Mass. Quadrangle (7.5' series, topographic map 1971).
- 2. Cambridge Historical Commission, "Survey of Architectural History in Cambridge, Northwest Cambridge", 1977.
- 3. Halberg, H.N. and Roberts, C.M., "Recovery of Groundwater Supplies by Pumping from Watertable Ponds", Transactions American Geophysical Union, Volume 30, Number 2, April, 1949.
- 4. Camp, Dresser and McKee, Boston, MA., "Results of Cambridge Dump Site Comprehensive Monitoring Program" 1984.
- 5. Walter Hoyt, Massachusetts Fisheries Wildlife and Recreational Vehicle Division, in telecon with Herb Colby, NUS/FIT, June 19, 1985. Telecon #15, NUS/FIT Project File.
- 6. Joseph DiCarlo, Massachusetts Fisheries, Wildlife and Recreational Vehicle Division, in telecon with Herb Colby, NUS/FIT. August 29, 1985. Telecon #26, NUS/FIT Project File.
- 7. Haley and Aldrich, Inc., for Camp, Dresser and McKee, "Gas Monitoring Program at New Street Landfill, Cambridge", 1983.
- 8) United States Environmental Protection Agency, Environmental Photographic Interpretation Center, Historical Analysis Alewife Brook Area, Cambridge, MA, TS PIC 1020 July 1981.

APPENDIX A

•	
7/	

POTENTIAL HAZARDOUS WASTE SITE

1. IDENTIFICATION	•
MATATE MAD 981068802	

₩EPA		IMINARY ASSI INFORMATION A		MENT MA	MAD 98	
II. SITE NAME AND LOCATION OI SITE NAME (Legal common, or descriptive name of site)						
				OR SPECIFIC LOCATION IDEN	IFIER	
St. Peter's Field		Sher	man Stre	et		
03 Crry			TE 05 ZIP CODE	10000000		OUNTY 08 CON
Cambridge		MA	02138	Middlesex	\ o	19 08
9 COORDINATES LATITUDE 42° 23' 12.6" 071	1° 07' 59"					
Posicirolic Step/A1 cwite or Bro	ok Parkway	traffic cir	cle go	south on Alevi	fo Brook	
arkway for 1400 feet. 1	Take left or	nto Rindge	Avenue	Taka micht om	te Block	_
treet after 0.4 miles.	Go 0.43 mil	lae couth	St Dot	Take Light on	to Sherm	an
			DE. FEL	er a tierd is	on right	•
IL RESPONSIBLE PARTIES						
1 OWNER (# known)		02 STRE	ET (Business, mesting,	, residential		-
ity of Cambridge				setts Avenue		
зату			E 05 ZIP CODE			
ambridge		MA	02138	06 TELEPHONE NUMB		
			I	617) 498-90	74	
OPERATOR ("Anomard officer (Tom comer)		OB STRE	ET (Business, meding,	/esdential		
ept. of Parks and Forest	: <u>8</u>	79 S	ydney Str	reet	•	•
CITY		10 STATI	E 11 ZIP CODE	12 TELEPHONE NUMB	ER	
ambridge		MA	02139	(617) 498-80	00	•
TYPE OF OWNERSHIP (Check one)			102137	017.430-00	00	
A. PRIVATE G B. FEDERAL:			C. STA	TE D.COUNTY 58	F MUNICIPAL	
☐ A. PRIVATE ☐ B. FEDERAL:	(Agen	cy namej			E. MUNICIPAL	
☐ F. OTHER:	(Agen	Cy name)	C. STA		E. MUNICIPAL	
G F. OTHER:	(Specify)		G. UNK	NOWN	E. MUNICIPAL	
G F. OTHER:	(Specify) all inst apply) / DAY YEAR (Specify) B. UNK		G. UNK	NOWN		E C. NONE
OWNER/OPERATOR NOTIFICATION ON FILE (Check (Check)) A. RCRA 3001 DATE RECEIVED: MONTH C. CHARACTERIZATION OF POTENTIAL H	(Specify) all inst apply) / DAY YEAR (Specify) B. UNK		G. UNK	NOWN	E. MUNICIPAL	ZI C. NONE
☐ F. OTHER:	(Specify) all inst apply) / DAY YEAR (Specify) B. UNK	CONTROLLED WAS	G. UNK	NOWN		25 C. NONE
F. OTHER: OWNER/OPERATOR NOTIFICATION ON FILE (Check to be a continuous of the cont	(Specify) of that apply) / DAY YEAR BY (Check of that appl A. EPA	CONTROLLED WAS	TE SITE ICERCLA	NOWN DATE RECEIVED: MO	NTM DAY YEAR	
OWNER/OPERATOR NOTIFICATION ON FILE (Check III) A RCRA 3001 DATE RECEIVED: MONTH C CHARACTERIZATION OF POTENTIAL H ON SITE INSPECTION	(Specify) of that apply) OAY YEAR HAZARD BY (Check at that appl A. EPA E. LOCAL HE.	CONTROLLED WAS	TE SITE ICERCLA	DATE RECEIVED: MO	NTH DAY YEAR	
OWNER/OPERATOR NOTIFICATION ON FILE (Check Check	(Specify) of that apply) DAY YEAR BY (Check of that appl) A. EPA E. LOCAL HE. CONTRACTOR N	CONTROLLED WAS	TE SITE ICERCLA	NOWN DATE RECEIVED: MO	NTH DAY YEAR	
OWNER/OPERATOR NOTIFICATION ON FILE (Check Check	(Specify) of that apply) DAY YEAR DAY YEAR BY (Check of that appl) A. EPA E. LOCAL HE CONTRACTOR N 03 YEAR	CONTROLLED WAS	G UNK	DATE RECEIVED: MO	NTH DAY YEAR	
OWNER/OPERATOR NOTIFICATION ON FILE (Check Check	(Specify) of that apply) OAY YEAR BY (Check of that appl) A . EPA E . LOCAL HE. CONTRACTOR N 03 YEAR	CONTROLLED WAS	TE SITE (CERCL)	COSTATE D.O	NTH DAY YEAR	
□ F. OTHER: OWNER/OPERATOR NOTIFICATION ON FILE (Check of the continuous of the co	(Specify) of that apply) OAY YEAR BY (Check of that appl) A . EPA E . LOCAL HE. CONTRACTOR N 03 YEAR	CONTROLLED WAS	TE SITE (CERCL)	COSTATE D.O	NTH DAY YEAR	
OWNER/OPERATOR NOTIFICATION ON FILE (Check Check	(Specify) of that apply) OAY YEAR DAY YEAR BY (Check of that appl) A. EPA CONTRACTOR N CONTRACTOR N O3 YEAR NT. KNOWN, OR ALLEGE Ed. OVER A FOREST	CONTROLLED WAS' O B. EPA CONTRI ALTH OFFICIAL (IAME(S): IS OF OPERATION UTI KITOWT BEGINNING VI	ACTOR - F. OTHER: _	DATE RECEIVED: MO	THER CONTRAC	
OWNER/OPERATOR NOTIFICATION ON FILE (Check of the control of the c	(Specify) If the spory) DAY VEAR	CONTROLLED WAS	ACTOR F. OTHER:	C. STATE D. O Specify The BUNK d operation someticed with hazardous	THER CONTRAC	
OWNER/OPERATOR NOTIFICATION ON FILE (CROCK) A RCRA 3001 DATE RECEIVED: MONTH C CHARACTERIZATION OF POTENTIAL H ON SITE INSPECTION YES DATE MONTH DAY YEAR SITE STATUS (Crock one) A ACTIVE MS INACTIVE C. UNK OESCRIPTION OF SURSTANCES POSSIBLY PRESER St. Peter's Field is locate 1900. Local citizens are generated by local industri	(Specify) If the spory) DAY VEAR	CONTROLLED WAS	ACTOR F. OTHER:	C. STATE D. O Specify The BUNK d operation someticed with hazardous	THER CONTRAC	
OWNER/OPERATOR NOTIFICATION ON FILE (CREEK) A RCRA 3001 DATE RECEIVED: MONTH C CHARACTERIZATION OF POTENTIAL H ON SITE INSPECTION YES DATE MONTH DAY YEAR SITE STATUS (Creek one) A ACTIVE MB. INACTIVE C. UNK DESCRIPTION OF SURSTANCES POSSIBLY PRESER St. Peter's Field is locate 1900. Local citizens are generated by local industri recreational field since be Dump could digrage one about	(Specify) If the spory) DAY VEAR BY (Check of the spory) A. EPA E. LOCAL HE CONTRACTOR N OJ YEAR NT. KNOWN, OR ALLEGE ed over a forme concerned the les. Photograp afore 1952. C.	CONTROLLED WAS' B. EPA CONTR/ ALTH OFFICIAL (IAME(S): SOF OPERATION UNKNOWN BECOMMON VIEW FOR THE CONTROL PIT MAY have thic evidence ontaminants pr	ACTOR F. OTHER:	C. STATE D. O Specify The BUNK d operation someticed with hazardous	THER CONTRAC	
OWNER/OPERATOR NOTIFICATION ON FILE (CREEK) A RCRA 3001 DATE RECEIVED: MONTH C CHARACTERIZATION OF POTENTIAL H ON SITE INSPECTION YES DATE MONTH DAY YEAR SITE STATUS (CREEK ORIE) A ACTIVE SE INACTIVE C. UNK DESCRIPTION OF SURSTANCES POSSIBLY PRESEN St. Peter's Field is locate 1900. Local citizens are generated by local industri recreational field since be Dump could digrate onto the	(Specify) If the sport B. UNI DAY YEAR B. UNI HAZARD BY (Check of the sport A. EPA E. LOCAL HE. CONTRACTOR N O3 YEAR KNOWN O3 YEAR KNOWN OF ALLEGE ad over a forme concerned the les. Photograp afore 1952. C. Bite.	CONTROLLED WAS' B. EPA CONTR/ ALTH OFFICIAL (IAME(S): SOF OPERATION UNKNOWN BEGINNING VI BY clay pit, we pit may have thic evidence ontaminants process.	ACTOR F. OTHER:	TO DATE RECEIVED: MO CONTROL DO O (SOCCO) TO DE UNIX TO OPERATION SOMETIE EN OPPROPRIED EN OPPROPRIE	THER CONTRAC	CTOR
OWNER/OPERATOR NOTIFICATION ON FILE ICROCK A RCRA 3001 DATE RECEIVED: MONTH C CHARACTERIZATION OF POTENTIAL H ON SITE INSPECTION YES DATE MONTH DAY YEAR SITE STATUS (Check one) A ACTIVE MS INACTIVE C. UNK OESCRIPTION OF SURSTANCES POSSIBLY PRESER St. Peter's Field is locate 1900. Local citizens are generated by local industri recreational field since be Dump could digrate onto the DESCRIPTION OF POTENTIAL HAZARD TO ENVIRON hazardous materials at	(Specify) If the spory) DAY VEAR	B. EPA CONTRALTH OFFICIAL (MAME(S): BOFOPERATION UNKNOWN BECOMMON TO BE CLAY PIT, we pit may have thic evidence ontaminants properties.	ACTOR TE SITE ICERCLA ACTOR THOUSE AND TH	DATE RECEIVED: MO C. STATE D. O (Seech) The Market December of the site has been and in the adjacent	THER CONTRAC	CTOR
OWNER/OPERATOR NOTIFICATION ON FILE (Check of A RCRA 3001 DATE RECEIVED: A RCRA 3001 DATE RECEIVED: MONTH C. CHARACTERIZATION OF POTENTIAL HON SITE INSPECTION YES DATE MONTH DAY YEAR SITE STATUS (Check one) A ACTIVE B INACTIVE C. UNK DESCRIPTION OF SURSTANCES POSSIBLY PRESENT St. Peter's Field is located in 1900. Local citizens are generated by local industrice recreational field since be Dump could digrate onto the DESCRIPTION OF POTENTIAL HAZARD TO ENVIRONE HAZARDOUS materials and pull occur. Contaminated	(Soech) Single Specific Speci	CONTROLLED WAS' B. EPA CONTRALTH OFFICIAL ALTH OFFICIAL AME(S): BOFOPERATION UNKNOWN BEGINNING VI BOTON TO MAY have obtic evidence ontaminants properties of the control of the co	ACTOR FOTHER:	DATE RECEIVED: MO C. STATE D. O (Seech) The Market December of the site has been and in the adjacent	THER CONTRAC	CTOR
OWNER/OPERATOR NOTIFICATION ON FILE (Check of A RCRA 3001 DATE RECEIVED: A RCRA 3001 DATE RECEIVED: MONTH OF POTENTIAL HONSTEINSPECTION OF POTENTIAL HON SITE INSPECTION YES DATE	(Soech) Single Specific Speci	CONTROLLED WAS' B. EPA CONTRALTH OFFICIAL ALTH OFFICIAL AME(S): BOFOPERATION UNKNOWN BEGINNING VI BOTON TO MAY have obtic evidence ontaminants properties of the control of the co	ACTOR FOTHER:	DATE RECEIVED: MO C. STATE D. O (Seech) The Market Date of the Market December of the Ma	THER CONTRAC	CTOR
OWNER/OPERATOR NOTIFICATION ON FILE /Check OF A RCRA 3001 DATE RECEIVED: A RCRA 3001 DATE RECEIVED: MONTH C. CHARACTERIZATION OF POTENTIAL HON SITE INSPECTION YES DATE MONTH DAY YEAR SITE STATUS (Check One) A ACTIVE S B INACTIVE C. UNK DESCRIPTION OF SURSTANCES POSSIBLY PRESERS t. Peter's Field is located 1900. Local citizens are generated by local industring recreational field since be Dump could digrate onto the DESCRIPTION OF POTENTIAL HAZARD TO ENVIRON thazardous materials and pull occur. Contaminated ource for 95,000 - 102,000	(Soech) Single Specific Speci	CONTROLLED WAS' B. EPA CONTRALTH OFFICIAL ALTH OFFICIAL AME(S): BOFOPERATION UNKNOWN BEGINNING VI BOTON TO MAY have obtic evidence ontaminants properties of the control of the co	ACTOR FOTHER:	DATE RECEIVED: MO C. STATE D. O (Seech) The Market Date of the Market December of the Ma	THER CONTRAC	CTOR
OWNER/OPERATOR NOTIFICATION ON FILE /Check / A RCRA 3001 DATE RECEIVED: C. CHARACTERIZATION OF POTENTIAL H ON SITE INSPECTION YES DATE MONTH DAY YEAR SITE STATUS (Check one) A ACTIVE MS INACTIVE C. UNK DESCRIPTION OF SURSTANCES POSSIBLY PRESER St. Peter's Field is locate 1900. Local citizens are generated by local industri recreational field since be Dump could digrate onto the DESCRIPTION OF POTENTIAL MAZARO TO ENVIRON Thazardous materials an ould occur. Contaminated Durce for 95,000 - 102,00	(Specify) If met acopy) I A B. UNA HAZARD BY (Check at them acopy) A EPA E LOCAL HE CONTRACTOR N ON YEAR NT. KNOWN OR ALLEQUE ad over a former concerned the less. Photograp afore 1952. C. site. MENT AND/OR POPULI re present i groundwate Oo citizens	B. EPA CONTRALTH OFFICIAL (MAME(S): SOF OPERATION UNKNOWN BECOMMON 1 BECOM	ACTOR TO THERE TO THE SITE OF	C. STATE D. O Second The Bunk disperation someticed with hazardous he site has been and in the adjacent roundwater contesh Pond Reserve	THER CONTRAC	CTOR
OWNER/OPERATOR NOTIFICATION ON FILE (Check of A RCRA 3001 DATE RECEIVED: A RCRA 3001 DATE RECEIVED: CHARACTERIZATION OF POTENTIAL HON SITE INSPECTION YES DATE MONTH DAY YEAR SITE STATUS (Check one) A ACTIVE B INACTIVE C C UNK DESCRIPTION OF SURSTANCES POSSIBLY PRESENS L. Peter's Field is locate 1900. Local citizens are generated by local industri recreational field since be Dump could digrate onto the Dump could digrate onto the Dump could digrate onto the Dump could materials at ould occur. Contaminated Durce for 95,000 - 102,000 PRIORITY ASSESSMENT	(Specify) #Inst apply #Inst a	B. EPA CONTRALTH OFFICIAL (MAME(S): SOF OPERATION UNKNOWN BECOMMON 1 BECOM	ACTOR TO THERE TO THE SITE OF	C. STATE D. O Second The Bunk disperation someticed with hazardous he site has been and in the adjacent roundwater contesh Pond Reserve	THER CONTRAC	CTOR
OWNER/OPERATOR NOTIFICATION ON FILE (Check of A RCRA 3001 DATE RECEIVED: A RCRA 3001 DATE RECEIVED: CHARACTERIZATION OF POTENTIAL HON SITE INSPECTION YES DATE MONTH DAY YEAR SITE STATUS (Check one) A ACTIVE A B. INACTIVE C. UNK DESCRIPTION OF SURSTANCES POSSIBLY PRESENST. Peter's Field is located industrice recreational field since be a described by local industrice recreational field since be a described on the control of the con	(Specify) If met apply) DAY VEAR BY (Check at their appl) CONTRACTOR N CONTRACT	CONTROLLED WAS' OF B. EPA CONTRA ALTH OFFICIAL MAME(S): SOFOPERATION UNKNOWN SECUNIANO VI BOT clay pit, we pit may have whice evidence ontaminants put and the er may migra of Cambrid Weats secunical and Particol	ACTOR FOTHER:	DATE RECEIVED: MO C. STATE D. O (Specify) The Market D.	THER CONTRAC	CTOR
OWNER/OPERATOR NOTIFICATION ON FILE /Check / A RCRA 3001 DATE RECEIVED: A RCRA 3001 DATE RECEIVED: CHARACTERIZATION OF POTENTIAL H ON SITE INSPECTION YES DATE MONTH DAY YEAR SITE STATUS (Check one) A ACTIVE B INACTIVE C. UNK DESCRIPTION OF SURSTANCES POSSIBLY PRESENTS Feter's Field is located industricated by local industricated by local industricate are generated by local industricate and pump could digrate onto the DESCRIPTION OF POTENTIAL HAZARD TO ENVIRONE hazardous materials and pull occur. Contaminated ource for 95,000 - 102,00 PRIORITY ASSESSMENT RIGHTY FOR INSPECTION (Check one. If high or medium in a pull of the proposition of the purposition of the proposition of the proposi	(Specify) If met apply) DAY VEAR BY (Check at their appl) CONTRACTOR N CONTRACT	CONTROLLED WAS' D B. EPA CONTRA ALTH OFFICIAL (MAME(S): SOF OPERATION UNKNOWN BEGINNING VI BE Clay pit, we pit may have whice evidence ontaminants provided the contaminants of the	ACTOR FOTHER:	DATE RECEIVED: MO C. STATE D. O (Specify) The Market D.	THER CONTRAC	CTOR
OWNER/OPERATOR NOTIFICATION ON FILE /Check / A RCRA 3001 DATE RECEIVED: C. CHARACTERIZATION OF POTENTIAL H ON SITE INSPECTION YES DATE MONTH DAY YEAR SITE STATUS /Check one) A ACTIVE E B. INACTIVE C. UNK DESCRIPTION OF SURSTANCES POSSIBLY PRESENTS. Peter's Field is located industricated by local industricated by	(Specify) If met apply) DAY VEAR BY (Check at their appl) CONTRACTOR N CONTRACT	CONTROLLED WAS' OF B. EPA CONTRA ALTH OFFICIAL MAME(S): SOFOPERATION UNKNOWN SECUNIANO VI BOT clay pit, we pit may have whice evidence ontaminants put and the er may migra of Cambrid Weats secunical and Particol	ACTOR FOTHER:	DATE RECEIVED: MO C. STATE D. O (Specify) The Market D.	THER CONTRAC	CTOR
OWNER/OPERATOR NOTIFICATION ON FILE (Check I) A RCRA 3001 DATE RECEIVED: CHARACTERIZATION OF POTENTIAL H ON SITE INSPECTION YES DATE MONTH DAY YEAR SITE STATUS (Check one) A ACTIVE B B. INACTIVE C. UNK DESCRIPTION OF SURSTANCES POSSIBLY PRESENSE. Peter's Field is locate 1900. Local citizens are generated by local industri recreational field since be Dump could digrate onto the DESCRIPTION OF POTENTIAL MAZARO TO ENVIRON E hazardous materials at OULD COULD CONTAMINATED UNITED TO THE SEASON OF PRIORITY ASSESSMENT PRIORITY FOR INSPECTION (Check one. II high or medium (Inspection required promothy) INFORMATION AVAILABLE FROM CONTACT	(Specify) If max apply) If max apply) If MAZARD BY (Check of their appl) CONTRACTOR N ON YEAR O	CONTROLLED WAS' OF B. EPA CONTRA ALTH OFFICIAL MAME(S): SOFOPERATION UNKNOWN SECUNIANO VI BOT clay pit, we pit may have whice evidence ontaminants put and the er may migra of Cambrid Weats secunical and Particol	ACTOR FOTHER:	DATE RECEIVED: MO C. STATE D. O (Specify) The Market D.	THER CONTRAC	CTOR
OWNER/OPERATOR NOTIFICATION ON FILE (Check I) A RCRA 3001 DATE RECEIVED: CHARACTERIZATION OF POTENTIAL H ON SITE INSPECTION YES DATE MONTH DAY YEAR SITE STATUS (Check one) A ACTIVE S B. INACTIVE C. UNK DESCRIPTION OF SURSTANCES POSSIBLY PRESENSE. Feeter's Field is locate industric recreational field since be pump could digrate onto the Dump could digrate on	(Specify) If the spory) If the spory) If the spory) BY (Check at the spory) CONTRACTOR N CONTRACTOR N ON YEAR (NOWN) NT. KNOWN, OR ALLEQ and over a forther concerned the concerned the concerned the as Photograp at concerned the as Photograp at concerned the concerned	CONTROLLED WAS' DI B. EPA CONTRALTH OFFICIAL AME(S): SOF OPERATION UNKNOWN BECONUMY ED. TO MAY have thic evidence ontaminants pr ATION UNDER THE OF Cambrid Waste Information and Pa ON ON ON ON ON ON ON ON ON O	ACTOR FOTHER:	DATE RECEIVED: MO C. STATE D. O (Specify) The Market D.	THER CONTRAC	on er
OWNER/OPERATOR NOTIFICATION ON FILE /Check / A RCRA 3001 DATE RECEIVED: MONTH OF CHARACTERIZATION OF POTENTIAL H ON SITE INSPECTION YES DATE MONTH DAY YEAR SITE STATUS/Check one) A ACTIVE ES INACTIVE C. UNK DESCRIPTION OF SURSTANCES POSSIBLY PRESENT OF Peter's Field is located in successful to the construction of the c	(Specify) If the spory) If the spory) If the spory) BY (Check at the spory) CONTRACTOR N CONTRACTOR N ON YEAR (NOWN) NT. KNOWN, OR ALLEQ and over a forther concerned the concerned the concerned the as Photograp at concerned the as Photograp at concerned the concerned	CONTROLLED WAS' DI B. EPA CONTRALTH OFFICIAL (IAME(S): SOF OPERATION UNKNOWN BECINNING VI BY Clay pit, whice evidence ontaminants providence ontaminants providence of Cambrid	ACTOR F. OTHER: h which ceased been fille indicates thesent on artificiate to Free ige.	CONTACT DATE RECEIVED: MO CONTACT DO DO (Specify) TO DETERMENT DO DO (Specify) TO DETERMENT DO DO (Specify) TO DETERMENT DO DO (Specify) TO DO	THER CONTRAC	on
OWNER/OPERATOR NOTIFICATION ON FILE (Check I) A RCRA 3001 DATE RECEIVED: CHARACTERIZATION OF POTENTIAL H ON SITE INSPECTION YES DATE MONTH DAY YEAR SITE STATUS (Check one) A ACTIVE S B. INACTIVE C. UNK DESCRIPTION OF SURSTANCES POSSIBLY PRESENSE. Feeter's Field is locate industric recreational field since be pump could digrate onto the Dump could digrate on	(Specify) Instancy Insta	CONTROLLED WAS' DI B. EPA CONTRALTH OFFICIAL (IAME(S): SOF OPERATION UNKNOWN BECINNING VI BY Clay pit, whice evidence ontaminants providence ontaminants providence of Cambrid	ACTOR FOTHER:	DATE RECEIVED: MO C. STATE D. O (Specify) The Market D.	THER CONTRAC	on er

3	H
~	

POTENTIAL HAZARDOUS WASTE SITE

I. IDENTIFICATION

01 STATE OZ SITE NUMBER

SE	PA			ASSESSMENT EINFORMATION		MA N	AD981068802
II WACTE S	TATES, QUANTITIES, AN	D CHARACTERI	STICS				
OI PHYSICALS	STATES (Checa at their epoly)	OZ WASTE QUANTI		03 WASTE CHARACTE	RISTICS (Checa at inel'as	IO(y)	
□ A. SOUO □ B. POWOS □ C. SLUOG	☐ E SLURRY ER, FINES ☐ F LIQUID	must be		☐ A. TOXIC ☐ B. CORROS ☐ C. RADIOAI ☐ D. PERSIST	CTIVE G FLAMA	TIQUS _ J EX	GHLY VOLATILE (PLOSIVE EACTIVE COMPATIBLE
C D. OTHER	unknown (Specify)	NO. OF DRUMS	unknown				OT APPLICABLE
IIL WASTE				<u> </u>			
CATEGORY	SUBSTANCE N	AME	01 GROSS AMOUNT	02 UNIT OF MEASURE	03 COMMENTS		
SLU	SLUDGE		unknown				
OLW	OILY WASTE		unknown				
SOL	SOLVENTS		unknown				
PSD	PESTICIDES		unknown				
occ	OTHER ORGANIC CH	EMCALS	unknown				
ioc	INORGANIC CHEMIC						·
ACD	ACIDS		unknown unknown				
BAS	BASES		unknown	· · · · · ·			
MES	HEAVY METALS		unknown	 			
	OUS SUBSTANCES (See As	noendis lor most frequent					
01 CATEGORY	02 SUBSTANCE N		03 CAS NUMBER	04 STORAGE/DISP	OSAL METHOD	05 CONCENTRAT	TION CONCENTRATION
						1	CONCENTRATION
							·
	·			 			
	·	 	<u> </u>				
		·	 	 			
			<u> </u>				
				ļ		ļ	
		— <u></u> ÷.		<u>'</u>		·	
			<u> </u>		<u> </u>		<u> </u>
		 					
						<u> </u>	
	<u> </u>					ļ	
					, 		
	~						
V. FEEDSTO	CKS (See Asserted for CAS region	M4)		· -		L	, , , , , , , , , , , , , , , , , , , ,
CATEGORY	01 FEEDETOC	KNAME	02 CAS NUMBER	CATEGORY	01 FEEDSTO	OCK NAME	02 CAS NUMBER
FDS				FDS			
FD8				FDS			
FD\$			<u> </u>	FDS			
FDS				FDS			
VI. SOURCES	OF INFORMATION (Cee	specific references, e.g.,	state files, sample analysis.	reports)			
					i.		

POTENTIAL HAZARDOUS WASTE SITE PRELIMINARY ASSESSMENT DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION 02 SITE NUMBER MAD981068802

II. HAZARDOUS CONDITIONS AND INCIDENTS			
01 X A. GROUNDWAFER CONTAMINATION 03 POPULATION POTENTIALLY AFFECTED: 102,000	02 C OBSERVED (DATE) 04 NARRATIVE DESCRIPTION	X POTENTIAL	ALLEGEO
If hazardous materials are present		er contamin	ation
could occur. Contaminated grounds	vater may migrate to Freeh	Pond Posser	acton
water source for 95,000 - 102,000	citizens of Combridge	Loud KeselA	oir,
water source for 55,000 102,000	citizens of Cambridge.		
01 □ B. SURFACE WATER CONTAMINATION	02 T OBSERVED (DATE:		
03 POPULATION POTENTIALLY AFFECTED:	04 NARRATIVE DESCRIPTION	I POTENTIAL	ALLEGED
	•		
	<u> </u>		
01 G. CONTAMINATION OF AIR 03 POPULATION POTENTIALLY AFFECTED:	02 TOBSERVED (DATE:)	G POTENTIAL	C ALLEGED
TO THE CONTROL OF THE	04 NARRATIVE DESCRIPTION		
	·		,
	•		
01 @ D. FIRE/EXPLOSIVE CONDITIONS	02 COBSERVED (DATE:)		· .
03 POPULATION POTENTIALLY AFFECTED:	04 NARRATIVE DESCRIPTION	C POTENTIAL	C ALLEGED '
•			
			•
	<u> </u>		
01 C E. DIRECT CONTACT	02 COBSERVED (DATE)	C POTENTIAL	□ ALLEGED
03 POPULATION POTENTIALLY AFFECTED	04 NARRATIVE DESCRIPTION		
		•	
•		*	
01 % F. CONTAMINATION OF SOIL			
03 AREA POTENTIALLY AFFECTED:8.0	02. OBSERVED (DATE:) 04 NARRATIVE DESCRIPTION	X POTENTIAL	CALLEGED
If hazardous wastes wore used to 5			
If hazardous wastes were used to f contaminated.	ill the area, the underlying	ng soil may	be
Contaminated.			
01 MG. DRINKING WATER CONTAMINATION	02 C OBSERVED (DATE.	X POTENTIAL	Z ALLEGED
03 POPULATION POTENTIALLY AFFECTED: 102,000	04 NARRATIVE DESCRIPTION	B FOICHIAL	_ ALLEGED
0			
Groundwater beneath the site may un	ndercertain hydrogeologic (conditions,	flow to
Fresh Pond, water supply to approx	imately 102,000 residences	of Cambridg	e.
01 II H. WORKER EXPOSURE RULLRY			
03 WORKERS POTENTIALLY AFFECTED:	02 G OBSERVED (DATE:)	- POTENTIAL	□ ALLEGED
	04 NARRATIVE DESCRIPTION	*	
	· .		
01 WI. POPULATION EXPOSURE/INJURY	02 C OBSERVED (DATE:	-	
03 POPULATION POTENTIALLY AFFECTED: 102,000	04 NARRATIVE DESCRIPTION	I POTENTIAL	C ALLEGED
m1	,		
The principal route for population	exposure would be by migra	tion of con	taminated
groundwater to Fresh Pond Reservoir	·		
	.*		

POTENTIAL HAZARDOUS WASTE SITE PRELIMINARY ASSESSMENT

1. IDENTIFICATION

01 STATE 02 SITE NUMBER

MA MAD 98 1068802

PART 3 - DESCRIPTION O	OF HAZARDOUS CONDITIONS AND INCI	DENTS	
IL HAZARDOUS CONDITIONS AND INCIDENTS (Continued	a)		
01 J. DAMAGE TO FLORA 04 NARRATIVE DESCRIPTION	02 C OBSERVED (DATE:) = POTENTIAL	☐ ALLEGED
	•		
01 G K. DAMAGE TO FAUNA	02 C OBSERVED (DATE.) G POTENTIAL	☐ ALLEGED
04 NARRATIVE DESCRIPTION (Include name(s) of species)			
01 □ L. CONTAMINATION OF FOOD CHAIN 04 NARRATIVE DESCRIPTION	02 C OBSERVED (DATE:) □ POTENTIAL	□ ALLEGED
01 M. UNSTABLE CONTAINMENT OF WASTES (Sollaranof/standing Squaterlessing drums)	02 G OBSERVED (DATE:	_) DOTENTIAL	☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED:	04 NARRATIVE DESCRIPTION		· · ·
01 □ N. DAMAGE TO OFFSITE PROPERTY 04 NARRATIVE DESCRIPTION	02 C OBSERVED (DATE:) D POTENTIAL	C ALLEGED
01 X O. CONTAMINATION OF SEWERS, STORM DRAINS, W 04 NARRATIVE DESCRIPTION Potentially contaminated grounds	water will generally flow	towards the Nov	ALLEGED Street
Pump Station, 0.4 miles to the object Commission Sewer System	west, to be discharged into	o the Metropoli	tan.
01 G P. ILLEGAL/UNAUTHORIZED DUMPING 04 NARRATIVE DESCRIPTION	02 C OBSERVED (DATE:	_) □ POTENTIAL	☐ ALLEGED
05 DESCRIPTION OF ANY OTHER KNOWN, POTENTIAL, OR	ALLEGED HAZARDS		
L TOTAL POPULATION POTENTIALLY AFFECTED:	102,000		
V. COMMENTS		<u></u>	
Historical evidence of a forme disposal of hazardous materi	als into the pit exists.	 Photographi 	records of
indicates the site was in use	as a recreational field by	y 1952.	
. SOURCES OF INFORMATION (Cres specific references, e. g., star			
 "Historical Analysis, Alew Project Files. 		-	
 Survey of Architectural Hi Historical Commission, (197 	story of Cambridge, North	west Cambridge	, Cambridge